

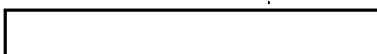
TOP SECRET



FID/IB-259/63
23 September 1963
Copy 4 of 9

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

ATTENTION :



FROM :

Chief, CIA/FID (NPIC)

SUBJECT :

Shang-Hai Railroad Study

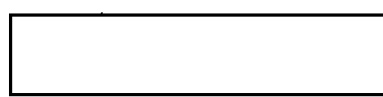
REFERENCES :

ORR Requirement No. C-RR3-80,540
CIA/FID Project No. C 1247/63

1. This memorandum is in partial answer to the above referenced requirement which requests a study of the railroad facilities in the port of Shang-Hai, Communist China. Information on the type and number of rolling stock and locomotives, location and size of freight yards and location of major freight terminals has been provided. A comparative study has been made wherever possible.

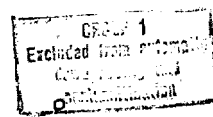
2. The port of Shang-Hai and its present rail facilities are shown on the enclosed mosaic (CIA/FID/IB-P-526/63), which has been made from U.S. Target Mosaic - Series 50, Map Numbers 50492, 2/13ma, 2/14ma, 7/1ma and 7/2ma. Two overlays to this mosaic are also enclosed. Overlay No. 1 shows the additional track and yard facilities added since [redacted] and the abandoned trackage. Overlay No. 2 references the major railroad facilities in Shang-Hai. The facilities indicated on Overlay No. 2 are briefly described in the enclosed Table No. 1. A comparative locomotive and rolling stock count is shown on Table No. 2 using [redacted]

3. The analyst on this project was [redacted] who may be contacted on extension [redacted] should you have any further questions concerning this project. This is only a partial answer to the above referenced requirement.



ENCLOSURES:

- 1 Photo Mosaic (CIA/FID/IB-P-526/63)
- 1 Table - Description of Rail Facilities
- 1 Table - Comparative Count of Rolling Stock



SHANG-HAI RAILROAD STUDY - Table No. 1

Description of Rail Facilities
as shown on CIA/PID/IB-P-526/63
and referenced on overlay No. 2

RAIL FACILITY	TYPE OF INSTALLATION	DESCRIPTION
1	Plant Siding	Rail service to Shang-Hai Iron and Steel Plant No. 1.
2	Port Siding	Rail service to Shang-Hai Port Facilities North, consisting of 10 tracks with average lengths of 3500'.
3	Plant Siding & Classification Yard	Rail service to Shang-Hai Iron and Steel Plant No. 5 with a 7 track classification yard about 2500' long.
4	Classification Yard	8 tracks about 3500' long.
5	Port Siding	4 Sidings about 2000' long.
6	Freight Terminal	Point Island West Railroad Yard with transshipment facilities and 5 tracks about 2000' long.
7	Freight Terminal	Chiang-wan Railroad Yard with transshipment facilities and 8 tracks about 1500' long.
8	Plant Sidings and Classification Yard	Six plant sidings and a 5 track classification yard about 4000' long.
9	Car Storage Yard and Plant Siding	5 Plant sidings and a 3 track storage yard about 3000' long.
10	Plant Siding	A 3 track plant siding about 1500' long.
11	Passenger Station, Classification Yard, Freight Yard and Repair Shops	This is a large railroad complex which contains the main passenger terminal, large repair facilities for Cars and locomotives, transshipment areas, car storage areas, and a 7 track classification yard 9000' long.
12	Freight Terminal	Chen-Ju Transshipment Yard with 9 tracks about 1000' long.
13	Car Storage Yard and Plant Siding	Chen-Ju East Railroad Yard with 4 plant sidings and 12 tracks about 1500' long in the yard.
14	Classification Yard	Chen-Ju North Railroad Classification Yard with 6 tracks about 4000' - 4500' long.
15	Classification and Car Storage Yard	Nan-Hsiang Railroad Yard with car storage facilities and a 19 track classification yard with an average track length of about 5000'.

RAIL FACILITY	TYPE OF INSTALLATION	DESCRIPTION
16	Car Storage Yard	A 4 track storage yard about 2500' long.
17	Car Storage Yard	A 3 track storage yard about 2500' long.
18	Freight Terminal & Port Siding	Shang-Hai Railroad Yard Lung-Hua with numerous storage and transshipment areas and sidings.
19	Freight Terminal & Plant Siding	Railroad Yard Southeast Lung-Hua serving Shang-Hai Iron and Steel Plant No. 3 with 7 tracks averaging 2000' in length.
20	Classification & Storage Yard	Railroad Yards Southwest Lung-Hua with a 7 track storage yard and a 19 track classification yard both average about 4000' long.

FACILITY		TYPES OF ROLLING STOCK						TOTALS	
See overlay	YEAR	Loco tives	Open Cars	Closed Cars	Flat Cars	Tank Cars	Pass Cars	1958 Loco Cars	1962 Loco Cars
No. 2									
AIA/IB/IB-P-526/63									
1	1958*							-	*
	1962	1s	16	-	-	-	-		1 16
2	1958	1s	13	110				1	129
	1962	1s	13	164	-	1	-		1 178
3	1958*							-	
	1962	1s	67	15	-	-	-		* 3 82
		2d							
4	1958	-	23	25	-	4	-	-	52
	1962	3s	20	11	-	4	-		3 35
5	1958	-	-	2	-	-	-	-	2
	1962	-	7	3	-	8	-		- 18
6	1958*								*
	1962	-	1	30	1	-	-		- 32
7	1958*	1d	4	6	-	-	-	1	10
	1962	-	14	12	3	-	-		- 29
8	1958*								*
	1962	-	17	56	-	-	-		- 73
9	1958*								*
	1962	1s	3	38					- 41
10	1958*								*
	1962	-	-	-	-	-	-	-	-
11	1958	2d	153	185	42	12	60	2	452
	1962	5d, 16s	90	87	17	-	128		21 322
12	1958*								*
	1962	-	5	3	-	-	-		- 8
13	1958	1d	9	62	-	-	10	1	81
	1962	-	8	20	-	-	-		- 28
14	1958	-	70	4	9	-	-	-	83
	1962	5s	6	29	-	-	-		5 35
15	1958	-	-	-	-	-	-	-	-
	1962	3s	155	116	8	-	-		3 279
16	1958	-	-	-	-	-	-	-	-
	1962	-	-	-	-	-	-	-	-
17	1958	-	-	37	-	-	-	-	37
	1962	-	-	-	-	-	-		-
18	1958	-	41	67	2	-	-	-	110
	1962	1s, 1d	90	35	10	-	-		2 135
19	1958*								*
	1962	2d	15	6	-	-	-		2 21
20	1958	1s	109	47	2	-	-	1	158
	1962	6s	119	75	22	7	14		6 237
Trains	1958	1d	30	19	1	-	-	1	50
Underway	1962	3s	36	48	2	-	23		3 109
TOTALS		1958	7	452	564	62	16	7	1164
		1962	51	682	748	63	24	165	51 1678

*New facility since 1958

S-Steam Locomotive
 D-Diesel Locomotive

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